B4

6. (Amended)   A method of tracing a receipt of data from a computer

network comprising: detecting a transport-layer request to transmit a packet for an

input/output connection to a port; searching the packet to determine an identity of a

process that created the packet; and in response to the detection of a receipt of data at the

port, storing in a trace log an entry representing the receipt of the data, wherein the entry

comprises the process identification, and wherein the trace log is accessible to determine

a volume of the data being transmitted over the network.

B5

10. (Amended)   A facility for tracing data traffic on a network, the facility

comprising: an identifying means for identifying a process causing a transport-layer

request to transmit data via the network; and a logging means in communication with the

identifying means for logging and event, wherein the event comprises the identification

the process and wherein the logging means is useable to determine a volume of data

traveling over the network.

B6

15. (Amended)   A computer-readable medium having stored thereon

computer-executable instructions for performing steps comprising: detecting a transport-

layer request to transmit an input/output packet; searching the input/output packet to

determine an identity of a process that created the input/output packet; and storing in a

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trace log an entry representing the request, wherein the entry comprises the identity of the

process, and wherein the trace log is accessible to determine a volume of data being

transmitted over the network.

18. (Amended)   A computer-readable medium having stored thereon

computer-executable instructions for performing the steps comprising: detecting a

transport-layer request to transmit a packet for an input-output connection to a port;

searching the packet to determine an identity of a process that created the packet; and in

response to the detection of a receipt of data at the port, storing in a trace log an entry

representing the receipt of the data, wherein the entry comprises the process

identification, and wherein the trace log is accessible to determine the volume of the data

being transmitted over the network.

22. (New)   The method of claim 1, wherein the transmission of data is recorded

at the completion of the transmission indicated by an acknowledgement from the first

device.

23. (New)   The method of claim 1, wherein the receipt of data is recorded at the

receipt of a first block of data and a last block of data.

Cont β8

24. (New)   The method of claim 4, wherein the identity of the process includes a

port number or an IP address relating to the transmission.